

NENA

The 9-1-1 Association

1700 Diagonal Road | Suite 500 | Alexandria, VA 22314

Ms. Marlene H. Dortch, *Secretary*
Federal Communications Commission
445 12th Street SW
Washington, D.C. 20554

May 25th, 2013

In re Implementation of the Middle Class Tax Relief and Job Creation Act of 2012; Establishment of a Public Safety Answering Point Do-Not-Call Registry. CG Docket No. 12-129.

Dear Ms. Dortch:

On May 24th, 2013, the undersigned, Trey Forgety, Director of Government Affairs and Regulatory Counsel, along with NENA CEO Dr. Brian Fontes and Law Clerk Brad Tucker made an *ex parte* presentation to Mark Stone, Kurt Schroeder, Nancy Stevenson, and Richard Smith of the Commission's Consumer and Governmental Affairs Bureau concerning the Commission's implementation of the PSAP Do-Not-Call Registry required by the Middle Class Tax Relief and Job Creation Act of 2012.

In response to questions from Bureau staff, NENA expressed our belief that the registry can be effectively implemented without compromising the security of registered PSAP 10-digit and routable 9-1-1 circuits by implementation of three policies. *First*, we noted that the Commission can dramatically reduce the probability that any list-protection regime it adopts will result in abusive use of the registry by strictly limiting access to the full registry list to well-vetted parties. *Second*, we noted that the risk of abuse or attack can be further mitigated by implementing appropriate cryptographic control protocols to ensure that malicious actors do not gain access to the complete list. For example, we noted that some users of automatic dialing equipment could implement registry protection in a real-time transactional format in which each number that it proposes to dial is checked against a secure online version of the registry before dialing occurs. This would allow the Commission to send a clear "Go/No-Go" signal for each call that is to be dialed. Noting that such a regime may not be compatible with many list compilation / auto-dialing business models, however, we described two alternatives that may meet those needs. We first suggested that list compilers could submit their lists to the FCC for scrubbing, perhaps using one-way blind cryptographic means to protect the privacy of the compilers' clients. We also suggested that particularly well-vetted compilers and autodialers could be given cryptographically-controlled access to the complete list, provided that a revocation mechanism were implemented to ensure that the registry data could not be extracted *in toto* if problems arise or security is compromised.

Should you have any questions concerning this presentation, please contact me as below.

NENA

The **9-1-1** Association

1700 Diagonal Road | Suite 500 | Alexandria, VA 22314

Sincerely,

A handwritten signature in black ink, reading "T. E. Forgety, III". The signature is fluid and cursive, with the last name "Forgety" being the most prominent part.

Telford E. Forgety, III; "Trey"
*Director of Government Affairs
& Regulatory Counsel*

CC: Mark Stone
Kurt Schroeder
Nancy Stevenson
Richard Smith